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3-12-03  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT OPERATIONS

Art Unit: 2831 (Examiner W. Mayo III).  
Applicant: Paul D. Keppel  
Serial No: 09/907,260  
Filed: July 17, 2001  
Title: EMISSION CONTROL DEVICE AND METHOD

Charlotte, North Carolina  
February 28, 2003

Honorable Commissioner of Patents and Trademarks  
Washington, D. C. 20231

Dear Sir:

SUPPLEMENT TO FORM PTO/SB/08A  
INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(c)

This Information disclosure Statement (“IDS”) is being filed under 37 CFR § 1.97(c). The enclosed reference was not known to Applicant more than three months prior to the filing of this IDS, and this IDS is being filed before the mailing date of either a final action or a notice of allowance. As such, no fee is required.

REMARKS

The enclosed PTO/SB/08A form is incorporated as part of the Information Disclosure Statement. A copy of each cited document is enclosed herewith.

This Information disclosure Statement ("IDS") is being filed under 37 CFR § 1.97(c). A Certification, in accordance with 37 CFR § 1.97(e) and setting forth the pertinent facts, is enclosed as Exhibit A. In short, the cited document is being submitted no later than three months from the date when the document first became known to either the Applicant or the undersigned.

Applicant submit herewith patents, publications, or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(b), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists.

As this Information Disclosure Statement is being provided after the period specified in 37 CFR § 1.97(b), includes a certification in accordance with 37 CFR § 1.97(b) that the reference was not known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of the statement, and that the Statement is being filed before the mailing date of either a final action or a notice of allowance, pursuant to 37 CFR § 1.97(c), no fee is required.

CITED PATENT

1. U.S. Patent No. 3,489,974

Montross

05-27-1968

Montross discloses a current sensing pulse output transformer that will provide a pulse output in response to a reversal in current flow in a conductor. The transformer includes a single magnet iron wire core that is helically wound and surrounds the conductor, and a single secondary winding that includes an insulated conductor that is helically wound about the helically wound core.

Nowhere does Montross disclose a high efficiency conductor that is configured to nearly cancel its own electromagnetic field. By being able to cancel its own electromagnetic field, random electromagnetic interference is abated in electrical systems which otherwise could cause false signals to be sent to computers and electronics. Further, nowhere does Montross teach providing a plurality of juxtaposed bare wires wrapped around a center wire. Nor is there any motivation to modify the configuration of Montross to include a plurality of bare wires since such a modification could hinder the operability of the Montross output transformer.

Respectfully submitted,



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GRE/sg  
Attorney Docket 3173

**EXHIBIT A**

**CERTIFICATION PURSUANT 37 C.F.R. 1.97(e)**

I, Gregory R. Everman having personal knowledge of the facts set forth herein, hereby certify that:

1. I am a patent attorney of good standing; Registration No. 47,553.
2. I am the patent attorney for Applicant for the subject Utility Patent Application.
3. I prepared, filed and am currently prosecuting the subject application on behalf of the Applicant.
4. On November 29, 2003, an Official Action was sent by the Patent and Trademark Office with respect to a parent application (Application Serial No. 09/858,129) of the subject application. (Cover of the Official Action is enclosed as Exhibit B, identifying the date mailed).
5. The Official Action cited a reference, Montross (U.S. Patent No. 3,489,974), that was not made of record in the present application.
6. Montross was not cited in any communication from a foreign patent office in a counterpart foreign application to any individual designated in 37 CFR 1.56(c), including Applicant, Assignee or myself.
7. After a reasonable investigation, and upon information and belief, Montross was not known to any individual designated in 37 CFR 1.56(c) until after it was received by this firm, Dougherty, Clements & Hofer, on December 2, 2002.
8. An IDS is being filed simultaneously with this amendment, that is, on February 28, 2003, no later than three months from the date the Official Action was sent by the Patent and Trademark Office to this Firm.
9. The IDS includes a copy of Montross for consideration by the Examiner and inclusion into the record.
10. The IDS is being filed after the period specified by 37 CFR 1.97(b).
11. The IDS is being filed before the mailing date of either a final action or a notice of allowance, whichever may come first.

This the 28<sup>th</sup> day of February, 2003.

  
\_\_\_\_\_  
Gregory R. Everman

**EXHIBIT B**



UNITED STATES PATENT AND TRADEMARK OFFICE

2130P/021067  
J  
UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/858,129      | 05/15/2001  | Paul D. Keppel       | 3156                | 2573             |

7590 11/29/2002

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EXAMINER

NGUYEN, CHAU N

ART UNIT PAPER NUMBER

2831

DATE MAILED: 11/29/2002

due 3/28/03

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED

DEC 02 2003

DOUGHERTY CLE 11/29/02